

APPENDIX C

Quality Assurance/Quality Control Evaluation and Laboratory Data Package

- APPENDIX C-1 Laboratory Data Packages, Samples Collected June 2011**
- APPENDIX C-2 Laboratory Data Package, Samples Collected August 2011**
- APPENDIX C-3 Laboratory Data Packages, Samples Collected October 2011**

SUMMARY

The results of field Quality Assurance/Quality Control (QA/QC) samples are shown in Table C-1. The field blank sample collected in June showed no detectable concentrations of site contaminants with the exception of lead in the total fraction. The relative percent differences (RPD) calculated for duplicate samples collected during June and October are shown in Table C-1. RPD's greater than 20 percent are shown in bold on Table C-1.

On October 20, 2011, duplicate samples were collected at DR-3 for EPA by UOS and for AR by Anderson Engineering. The UOS samples were submitted to the EPA Region 8 Laboratory operated by the ESAT contractor and the AR samples were submitted to Pace Analytical Laboratories in Lenexa, Kansas. The results are presented on Table C-2. Analytes where the relative percent difference calculated for any of the pairs of duplicates is greater than 20 percent are shown in bold on Table C-2.

Data sent to the EPA Region 8 Laboratory were reviewed by a chemist and determined to be acceptable for the intended use with some qualifications. Review memos are provided below.

The data packages are provided below. The sample identifications may vary compared to the names shown in the report data tables due to identifying the correct name of the 517 Shaft, removing date characters, or for clarification/consistency.